

SA-10-94



Langley Research Center Safety Alert

SA-10-04

Date: August, 19, 1994

TO: Distribution

FROM: 429/Head, Office of Safety and Facility Assurance,
OSEMA

SUBJECT: Requirements for Off-Site Nonionizing Radiation Use

LaRC has several off-site laser research activities, e.g., Laser Atmospheric Sensing Experiment (LASE) and Lidar In-Space Technology Experiment-1 (LITE). With the advancement of lasers as diagnostic tools, more groups are incorporating lasers into their research. As a reminder to those research groups who have on-going off-site laser projects and to those groups planning off-site research projects, the following procedures from LHB 1710.8 "Nonionizing Radiation", page V-1, apply:

Prior to approving a Safety Permit for an organizational element of LaRC in which the source of nonionizing radiation will be used at a temporary job site (a facility not under the administrative control of LaRC), the following requirements shall be satisfied:


- Written authorization shall be obtained from the administration of the facility. Use of the source should be concurred by the facility's Radiation Safety Officer (RSO) and/or its Nonionizing Radiation Committee (NIRC).
- To assure minimal radiation exposure to individuals, an individual shall be named with adequate training and experience in radiological health activities to perform monitoring tasks as determined necessary by the LaRC NIRC.

All records of radiation surveys shall be maintained by the use supervisor and submitted to the LaRC RSO at the completion of the authorized use. Any incidents involving exposed individuals shall be reported immediately to the RSO.

All correspondence between the off-site administration and the requesting organization should be submitted to the Nonionizing Radiation Committee along with the request for a Safety Permit. Dates and times for the proposed experiments should be included with the permit. (A suggested outline for the Safety Permit Request can be found in Appendix A, page A-1 of the LHB 1710.8)

The Committee is aware that conditions may alter the proposed experimental schedule, therefore, an alternative schedule should be submitted. However, if the laser operations, dates, or times are altered from what was submitted, a modification to the permit must be submitted.

Contact the Radiation Safety Officer Phillip Babb at extension 43210 or the Nonionizing Radiation Committee Chairperson Gilda A. Miner at extension 41475 if you have any questions.


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